

Faculty Achievements (2017-23)

Dr Vidhi Chaudhary

SERVED AS RESOURCE PERSON/ COORDINATOR/ MEMBER OF ORGANISING COMMITTEE FOR THE FOLLOWING EVENT:

AS CONVENOR

- **Convenor** of the **Workshop “Skills for Personal Growth, Entrepreneurship and Community Development”**, under IQAC organized by Department of Botany, Daulat Ram College, University of Delhi in collaboration with MOE’s Innovation Cell (MIC) and Institution’s Innovation Council (IEC) on 2nd May, 2024.
- **Co-Convenor for the Lecture “Art of Bonsai and Penjing”** under Workshop Series on Learning Gardening Techniques: A Step Towards Entrepreneurship, organized by Garden Committee, Daulat Ram College, University of Delhi on 12th April, 2023.
- **Co-Convenor for the Lecture “Developing a Herbal Garden: Nature to Nurture with Ayurveda: Series II”** under Workshop Series on Learning Gardening Techniques: A Step Towards Entrepreneurship, organized by Garden Committee, Daulat Ram College, University of Delhi on 10th February, 2023.
- **Co-coordinator** for two days Skill Development Programme **“Enhancing learning through ICT tools”**, organized by Department of Botany, Daulat Ram College, University of Delhi from 26th – 27th November, 2022.
- **Co-Convenor** for two days Workshop **“Basic Techniques for Home Gardening – Series – 1” under the Theme Learning Gardening Techniques – A Step towards Entrepreneurship**, organized by Garden Committee, Daulat Ram College, University of Delhi from 14th – 15th September, 2022.
- **Co-Convenor** for the National Webinar on **“Redefining Gardening from Hobby to Enterprise: Series 1”** organized by Garden Committee, Daulat Ram College, University of Delhi on October 21, 2020.
- **Co-Convenor** of Symposium on **Environment and Sustainable Development: New Perspectives** at Department of Botany, Daulat Ram College, University of Delhi on February 14, 2019.

- **Co-Convener** of Faculty Development Program (FDP) on CBCS based curriculum B.Sc. Botany (hons) paper **Industrial and Environmental Microbiology** at Department of Botany, Daulat Ram College, University of Delhi from March 19-20, 2018.

AS RESOURCE PERSON

- **Resource Person** for a session “**Zoom**” in Two Day Skill Development Programme “**Enhancing Learning through ICT Tools**” organized by Department of Botany, Daulat Ram College, University of Delhi from November 26-27, 2022.
- **Resource Person** for a session “**Boosting Immunity Naturally**” in In House Skill Development Program (SDP) “**Disease Prevention by Natural Remedies and Identification of Active Ingredients**” organized by Department of Chemistry & Botany, Daulat Ram College, University of Delhi from December 20-27, 2021.
- **Resource Person** for a session “**Introduction to Botany and Instrumentation**” in One Week Skill Enhancement Workshop for Non-Teaching Staff, organized by Daulat Ram College, University of Delhi from July 7-13, 2021.
- **Resource Person** for Skill Enhancement Workshop for Non-Teaching Staff, organized by Daulat Ram College, University of Delhi during July, 2019.
- **Resource Person** for session **Micropropagation of Plants** in **Inspire Science Camp** at Daulat Ram College, University of Delhi from December 17-21, 2018.
- **Resource Person** for a session **Making Poster Using Power Point** in In-house Skill Development Program **Digital Literacy** at Daulat Ram College, University of Delhi on July 9, 2018.
- **Resource Person** for a session **Sugar, Tea and their Adulterants** and as a **Member of Organizing Committee** in In-house Skill Development Certificate Course on **Food Adulteration and Security** at Department of Botany, Daulat Ram College, University of Delhi from July 3-14, 2017.

AS MEMBER OF ORGANIZING COMMITTEE

- **Member of Organizing Committee** for a One Day National Seminar on “Gandhi ke Sapno ka Bharat: Viksit Bharat @ 2047” under Gandhi Study Circle, Daulat Ram College, University of Delhi on 7th October, 2024.
- **Member of Organizing Committee** for one day workshop “**Capacity Building Workshop Series I – Mushroom Cultivation**” conducted by Astitva, Life Science Association, Daulat Ram College, University of Delhi on 28th September, 2022.

- **Member of Organizing Committee** for two days hands on session workshop “**Learning Reproductive Biology with Fluorescence Microscopy**” conducted by Vasundhara, The Botanical Society of Daulat Ram College, University of Delhi on 25th – 26th August, 2021.
- **Member of Organizing Committee** for two days **International Conference on “Effective Strategies for Biodiversity Conservation”** organized by Department of Botany and Vasundhara Botanical Society, Daulat Ram College, University of Delhi on March 23-24, 2021.
- **Member of Organizing Committee** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 4**” organized by the Garden Committee, Daulat Ram College, University of Delhi on November 25, 2020.
- **Member of Organizing Committee** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 3**” organized by the Garden Committee, Daulat Ram College, University of Delhi on November 18, 2020.
- **Member of Organizing Committee** for the National Webinar on “**Redefining Gardening from Hobby to Enterprise: Series 2**” organized by the Garden Committee, Daulat Ram College, University of Delhi on November 11, 2020.
- **Member of Organizing Committee** in **Inspire Science Camp** at Daulat Ram College, University of Delhi from December 17-21, 2018.

PRESENTED THE FOLLOWING PAPERS /POSTERS:

ORAL PRESENTATIONS IN CONFERENCES

- R. Pasricha and **V. Chaudhary** (2021). Applications of PGPR for Climate Friendly Sustainable Agriculture. In: *6th Annual International E-Conference of Indian Network for Soil Contamination Research (INSCR) on “Microbes in Sustainable Development”*, November 15 to 18.

POSTER/ ABSTRACTS IN PROCEEDINGS OF SYMPOSIA/ CONFERENCES

- **V. Chaudhary**, R. Kathal and R. Pasricha (2022). Pesticide pollution and abatement measure. In: *National Conference on Sustainable Environmental Perspectives: A Journey from Ancient India*, June 5-6, Environmental Studies and Department of

Botany, Deen Dayal Upadhyaya College, University of Delhi in association with Paryavaran Gatividhi, Sharanya (NGO), New Delhi (**Abstract Accepted**).

- R. Pasricha and **V. Chaudhary** (2019). Containing health risks associated with nanotechnologies in food additives. In: *National Symposium on Microbes and Nanotechnology for Sustainable Environment*, February 07, Department of Botany, Kirori Mal College, University of Delhi in association with Indian Society of Analytical Scientists - Delhi Chapter. (**Abstract Accepted**).
- **V. Chaudhary** and R. Kathal (2017). Psychoactive plants and human health. In: *National Conference on Pharmacognosy: Scope of Phytochemically Unexplored Medicinal Plants*, January 12, Department of Botany, Zakir Husain Delhi College, University of Delhi (**Poster Presentation**).
- R. Kathal, **V. Chaudhary**, L. Kumar, R. Baishya and P. L. Uniyal (2017). Phytoremediation of Chromium from Yamuna Water by *Eichhornia*. In: *International Conference and Outreach Programme on Environment and Ecology: Sustainability and Challenges (ENCON-2017)*, January 4-6, Sri Venkateswara College, University of Delhi (**Poster Presentation**).

PUBLISHED/ CO-PUBLISHED THE FOLLOWING CHAPTERS:

BOOK CHAPTERS

- ❖ S. Rani and **V. Chaudhary** (2022). The beneficial effect of traditional herbal medicine. In: *Medicinal Plants: Ethnomedicine, Pharmacognosy and Therapeutic Values*. Eds. A. Sharma, G. Malik and S. Kumari. Anu Books, India, pp. 85-110. DOI: <https://doi.org/10.31995/Book.AB220-A22.Chapter> 6. ISBN: 978-93-90879-31-1.
- ❖ D. Sinha, S. Datta, **V. Chaudhary**, D. Banerjee and R. K. Chaudhuri (2021). Ecological Succession of Wetlands: A Review of the Current Scenario. In: *The Handbook of Research on Monitoring and Evaluating the Ecological Health of Wetlands*. IGI Global Publishers, pp. 128-149 DOI: 10.4018/978-1-7998-9498-8.ch008; ISBN 10 -1799894983.
- ❖ S. Datta, D. Sinha, **V. Chaudhary**, S. Kar and A. Singh (2021). Water Pollution of Wetlands: A global threat to Inland, Wetland, and aquatic phytodiversity. In: *The Handbook of Research on Monitoring and Evaluating the Ecological Health*

of Wetlands. IGI Global Publishers, pp. 27-50. DOI: 10.4018/978-1-7998-9498-8.ch003; ISBN 10 – 1799894983.

- ❖ R. Kathal and **V. Chaudhary** (2019). Phytoremediation of Heavy Metals - A Greener and Sustainable Approach. In: Proceedings of Symposium *Environment and Sustainable Development: New Perspectives* at Department of Botany, Daulat Ram College, University of Delhi on 14 February, 2019, pp. 34-37, ISBN 9788193746622.
- ❖ **V. Chaudhary** and R. Kathal (2019). Liquid Organic Formulations for Sustainable Agriculture. In: Proceedings of Symposium *Environment and Sustainable Development: New Perspectives* at Department of Botany, Daulat Ram College, University of Delhi on 14 February, 2019, pp. 45-48, ISBN 9788193746622.

ARTICLES IN MANUALS/ MAGAZINES/ POPULAR ARTICLE

- ❖ V. Chaudhary and R. Kathal (2023). Environment: Science, Legislation, Politics and Ethics. In: *Liana Botanical Society Magazine* at Department of Botany, Daulat Ram College, University of Delhi (ISBN 978-93-92603-05-1) FA Digital Productions
- ❖ R. Kathal, S. George and **V. Chaudhary** (2018). Micropropagation of Plants. In: Inspire Manual at Daulat Ram College, University of Delhi, pp. 29-33.
- ❖ **V. Chaudhary** and R. Kathal (2018). Yamuna: A sacred river or an open drain. In: *Liana Botanical Society Magazine* at Department of Botany, Daulat Ram College, University of Delhi, pp. 16-17.
- ❖ **V Chaudhary** (2017). Sugar. In: Manual of In-house Skill Development Certificate Course on *Food Adulteration and Security* at Department of Botany, Daulat Ram College, University of Delhi, pp. 16-17.
- ❖ **V Chaudhary** (2017). Tea and Its Adulterants. In: Manual of In-house Skill Development Certificate Course on *Food Adulteration and Security* at Department of Botany, Daulat Ram College, University of Delhi.

AWARD

- ❖ **Young Scientist International Women Empowerment Award**, organized by Sardar Vallabh Bhai Patel Science & Technology Organization, Regd. under Govt. of India, Jamia Nagar, New Delhi on 8 March, 2017.

RESEARCH PROJECTS UNDERTAKEN

24 January 2025- Till Date

Working as a **Principal Investigator** in Daulat Ram College funded **Project** entitled “**Study of synergistic effect of medicinal plants and biogenically synthesized silver nanoparticles (Ag nps) obtained from laboratory waste water / mirror waste for antimicrobial and antidiabetic activity**” under **Navdhara Scheme** at Daulat Ram College, University of Delhi, Delhi, India.

September 2023 – Till Date

Working as a **Principal Investigator** in Daulat Ram College funded **Project** entitled “**Green the Red: A Sustainable Menstruation Initiative to fight Period Poverty**” under **Navdhara Scheme** at Daulat Ram College, University of Delhi, Delhi, India.

ANY OTHER ACHIEVEMENT:

ADMINISTRATIVE EXPERIENCE

- Worked as **Hostel In charge** of Daulat Ram College Hostel from 25th October, 2023 to 10th March 2024.
- Working as **Warden** of Daulat Ram College Hostel from 11th March 2024 to till date

INVITED TALK

- **V. Chaudhary** (2021). Plant Microbe Interactions: An Ecofriendly Approach to Sustainable Agriculture”, organized by Department of Botany, Modern College, Imphal East on 7 January, 2021.

ROLE IN COLLEGE COMMITTEES

- 2024-25 : **Member** of Gandhi Study Circle
- 2023-24 : **Member** of Internal Quality Assurance Cell (IQAC)
- Member** of Eco Club
- Member** of Garden Committee
- 2022-23 : **Member** of College Annual Report Committee
- Member** of Ranking Committee
- Member** of Campus Placement Cell

- Member of Garden Committee**
- 2021-22 : **Member of College Annual Report Committee**
- Member of Ranking Committee**
- Member of Library Committee**
- Member of Garden Committee**
- 2020-21 : **Member of Garden Committee**
- 2019-20 : **Team Manager** for various sports events under Sports Board
- Staff Advisor** of Life Science Association "Astitva"
- Member of College Grievance Committee**
- Member of Garden Committee**
- 2019 : **Member of Steering Committee for Admission**
- 2018 : **Member of Core Committee for Inspire Science Camp**
- 2018 : **Member of Steering Committee for Admission**
- 2018-19 : **Staff Advisor** of Botanical Society "Vasundhara"
- Member of Garden Committee**
- Member of Women Development Cell**
- 2017-18 : **Member of Garden Committee**
- Member of Women Development Cell**
- 2016-17 : **Member of Student Advisory Board**
- Member of Canteen Committee**
- Member of Garden Committee**
- 2015-17 : **Member of Steering Committee for NAAC**